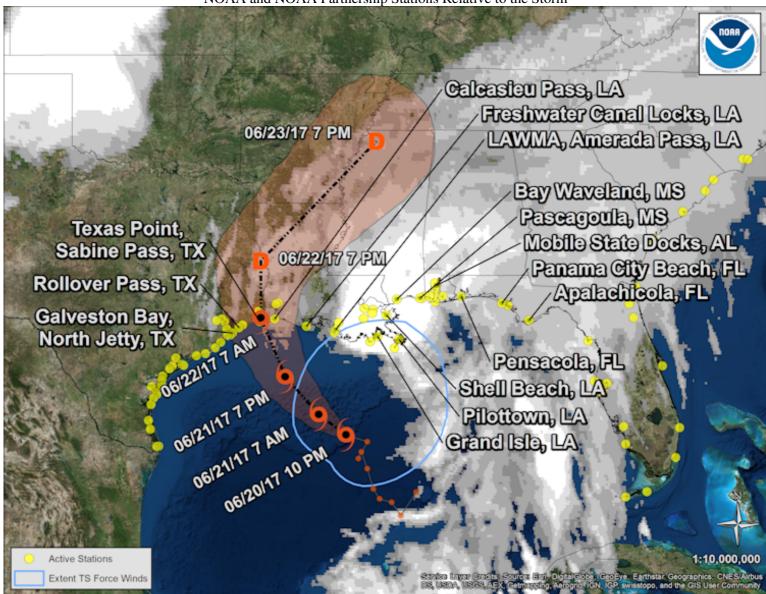




Tropical Storm CINDY QuickLook Posted: 23:00 CDT 06/20/2017

NOAA and NOAA Partnership Stations Relative to the Storm



#### Storm Analysis

As of 06/20/2017 23:00 CDT, water levels along the central Gulf of Mexico coast are elevated and range between 0.70 to 3.80 ft above normal tide levels. The highest water level residuals at this hour are being observed at Pilottown, LA, Bay Waveland Yacht Club, MS and Shell Beach, LA where water levels are running consistently greater than 2 ft above tide predictions. The highest winds are being observed along the coasts of southeast Louisiana, Mississippi and Alabama where in the last few hours winds have gusted between 30 and 40 knots.

Barometric pressure continues to fall gradually across the region.

Water Level and Meteorological plots available below are updated automatically. A line denoting <u>Mean Higher High Water (MHHW)</u> is displayed to provide an approximate indication of when flooding inundation may occur.

For additional data, please see the <u>Center for Operational Oceanographic Products & Services</u> website. For more information or archived products and reports, please see the <u>Storm QuickLook</u> Homepage.

Analyst: CRD

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#### SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:

TROPICAL STORM CINDY ADVISORY NUMBER 6 NWS NATIONAL HURRICANE CENTER MIAMI FL 1000 PM CDT TUE JUN 20 2017

...CINDY STRENGTHENS OVER THE CENTRAL GULF OF MEXICO...
...HEAVY RAINFALL COULD PRODUCE LIFE-THREATENING FLASH FLOODING
ACROSS PORTIONS OF THE NORTHERN GULF COAST...

### SUMMARY OF 1000 PM CDT...INFORMATION

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LOCATION...26.4N 91.0W
ABOUT 230 MI.. S OF MORGAN CITY LOUISIANA
ABOUT 305 MI...SE OF GALVESTON TEXAS
MAXIMUM SUSTAINED WINDS...60 MPH
PRESENT MOVEMENT...NW OR 310 DEGREES AT 7 MPH
MINIMUM CENTRAL PRESSURE...997 MB

WATCHES AND WARNINGS

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CHANGES WITH THIS ADVISORY:

THE TROPICAL STORM WARNING HAS BEEN EXTENDED EASTWARD TO THE ALABAMA-FLORIDA BORDER, INCLUDING LAKE PONTCHARTRAIN AND THE NEW ORLEANS METROPOLITAN AREA.

SUMMARY OF WATCHES AND WARNINGS IN EFFECT:

A TROPICAL STORM WARNING IS IN EFFECT FOR...

- \* SAN LUIS PASS TEXAS TO THE ALABAMA-FLORIDA BORDER
- \* METROPOLITAN NEW ORLEANS
- \* LAKE PONTCHARTRAIN

A TROPICAL STORM WARNING MEANS THAT TROPICAL STORM CONDITIONS ARE EXPECTED SOMEWHERE WITHIN THE WARNING AREA, IN THIS CASE WITHIN THE NEXT 12 TO 24 HOURS.

INTERESTS ELSEWHERE ALONG THE U.S. GULF COAST FROM THE CENTRAL TEXAS COAST TO THE WESTERN FLORIDA PANHANDLE SHOULD MONITOR THE PROGRESS OF THIS SYSTEM.

FOR STORM INFORMATION SPECIFIC TO YOUR AREA, INCLUDING POSSIBLE INLAND WATCHES AND WARNINGS, PLEASE MONITOR PRODUCTS ISSUED BY YOUR LOCAL NATIONAL WEATHER SERVICE FORECAST OFFICE.

#### **DISCUSSION AND 48-HOUR OUTLOOK**

\_\_\_\_\_

AT 1000 PM CDT, THE CENTER OF TROPICAL STORM CINDY WAS LOCATED NEAR LATITUDE 26.4 NORTH, LONGITUDE 91.0 WEST. CINDY IS MOVING TOWARD THE NORTHWEST NEAR 7 MPH, AND THIS MOTION IS EXPECTED TO CONTINUE THROUGH WEDNESDAY. A TURN TOWARD THE NORTH-NORTHWEST AND THEN TOWARD THE NORTH IS EXPECTED WEDNESDAY NIGHT AND EARLY THURSDAY. ON THE FORECAST TRACK, THE CENTER OF CINDY WILL APPROACH THE COAST OF SOUTHWEST LOUISIANA AND SOUTHEAST TEXAS LATE WEDNESDAY AND WEDNESDAY NIGHT, AND MOVE INLAND OVER SOUTHEASTERN TEXAS ON THURSDAY.

REPORTS FROM AN AIR FORCE RESERVE RECONNAISSANCE AIRCRAFT AND NEARBY SHIPS INDICATE THAT MAXIMUM SUSTAINED WINDS HAVE INCREASED TO NEAR 60 MPH WITH HIGHER GUSTS. LITTLE CHANGE IN STRENGTH IS EXPECTED ON WEDNESDAY. SLIGHT WEAKENING IS FORECAST TO BEGIN ON THURSDAY.

TROPICAL-STORM-FORCE WINDS EXTEND OUTWARD UP TO 275 MILES, MAINLY NORTH THROUGH NORTHEAST OF THE CENTER.

THE MINIMUM CENTRAL PRESSURE RECENTLY REPORTED BY THE RECONNAISSANCE AIRCRAFT WAS 997 MB.

#### HAZARDS AFFECTING LAND

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RAINFALL: CINDY IS EXPECTED TO PRODUCE TOTAL RAIN ACCUMULATIONS OF 6 TO 9 INCHES WITH ISOLATED MAXIMUM AMOUNTS OF 12 INCHES OVER SOUTHEASTERN LOUISIANA, SOUTHERN MISSISSIPPI, SOUTHERN ALABAMA, AND THE FLORIDA PANHANDLE THROUGH THURSDAY. THIS RAINFALL COULD CAUSE LIFE-THREATENING FLASH FLOODING IN THESE AREAS.

RAINFALL AMOUNTS OF 3 TO 5 INCHES WITH ISOLATED MAXIMUM AMOUNTS OF 6 INCHES CAN BE EXPECTED FARTHER WEST ACROSS SOUTHWEST LOUISIANA INTO SOUTHEAST TEXAS THROUGH THURSDAY.

WIND: TROPICAL STORM CONDITIONS ARE EXPECTED TO FIRST REACH THE COAST WITHIN THE WARNING AREA OVERNIGHT AND SPREAD WESTWARD WITHIN THE WARNING AREA THROUGH EARLY THURSDAY.

STORM SURGE: INUNDATION OF 1 TO 3 FEET ABOVE GROUND LEVEL IS EXPECTED ALONG THE COAST IN PORTIONS OF THE TROPICAL STORM WARNING AREA, WITH ISOLATED AREAS POSSIBLY UP TO 4 FEET.

TORNADOES: ISOLATED TORNADOES ARE POSSIBLE TONIGHT INTO WEDNESDAY FROM

#### SOUTHERN LOUISIANA TO THE FLORIDA PANHANDLE.

#### **NEXT ADVISORY**

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NEXT INTERMEDIATE ADVISORY AT 100 AM CDT. NEXT COMPLETE ADVISORY AT 400 AM CDT.

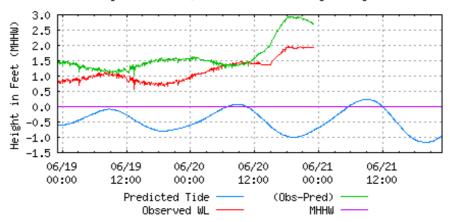
#### FORECASTER STEWART

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: Pilottown - Water Level, Pilottown - Winds, Pilottown - Barometric, Shell Beach - Water Level, Shell Beach - Winds, Shell Beach - Barometric, Bay Waveland Yacht Club - Water Level, Bay Waveland Yacht Club - Winds, Bay Waveland Yacht Club - Barometric, Pascagoula NOAA Lab - Water Level, Dock C, Port of Pascagoula - Winds, Dock C, Port of Pascagoula - Barometric, Dauphin Island - Water Level, Dauphin Island - Winds, Dauphin Island - Barometric, Mobile State Docks - Water Level, Mobile State Docks - Barometric, Pensacola - Water Level, Panama City Beach - Winds, Panama City Beach - Barometric, Apalachicola - Water Level, Apalachicola - Winds, Apalachicola - Barometric, Grand Isle - Water Level, Grand Isle - Winds, Grand Isle - Barometric, LAWMA, Amerada Pass - Water Level, LAWMA, Amerada Pass - Winds, LAWMA, Amerada Pass - Barometric, Freshwater Canal Locks - Water Level, Freshwater Canal Locks - Winds, Freshwater Canal Locks - Barometric, Calcasieu Pass - Water Level, Calcasieu Pass - Winds, Freshwater Canal Locks - Barometric, Calcasieu Pass - Winds, Rollover Pass - Winds, Rollover Pass - Barometric, Galveston Bay Entrance, North Jetty - Water Level, Galveston Bay Entrance, North Jetty - Winds, Galveston Bay Entrance, North Jetty - Barometric

## NOAA/NOS/CO-OPS 8760721 Pilottown, LA

Preliminary Water Level, relative to Mean Higher High Water(MHHW)

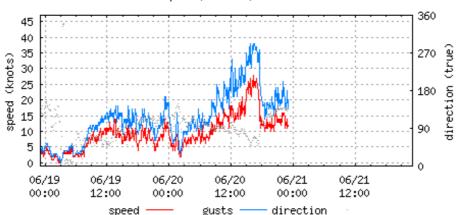


Last Observed Sample: 06/20/2017 23:06 (CDT). Data relative to MHHW Observed: 1.91 ft. Predicted: -0.77 ft. Residual: 2.68 ft.

Historical Maximum Water Level: n/a Next High Tide: 06/21/2017 09:02 (CDT), 0.23 ft.

## NOAA/NOS/CO-OPS 8760721 Pilottown, LA

Wind Speed / Gusts / Direction



Last Observed Sample: 06/20/2017 23:06 (CDT) Wind Speed: 12 knots Gusts: 17 knots Direction: 133° T

### NOAA/NOS/CO-OPS 8760721 Pilottown, LA

Barometric Pressure 1018 1016 Pressure (mb) 1014 1012 1010 1008 1006 06/19 06/19 06/20 06/20 06/21 06/21 00:00 12:00 00:00 12:00 12:00 00:00 barometric pressure

Last Observed Sample: 06/20/2017 23:06 (CDT)

Barometric Pressure: 1007.0 mb

### NOAA/NOS/CO-OPS 8761305 Shell Beach, LA

Preliminary Water Level, relative to Mean Higher High Water(MHHW) 6.0 Height in Feet (MHHW) 5.0 4.0 3.0 2.0 1.0 0.0 -1.0 -2.0 06/19 06/19 06/20 06/20 06/21 06/21 00:00 12:00 12:00 12:00 00:00 00:00 Predicted Tide (Obs-Pred)

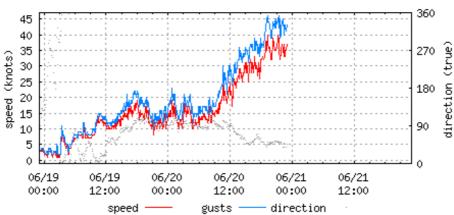
Last Observed Sample: 06/20/2017 23:06 (CDT). Data relative to MHHW Observed: 4.30 ft. Predicted: -1.41 ft. Residual: 5.71 ft. Historical Maximum Water Level: Aug 29 2012, 9.45 ft. Next High Tide: 06/21/2017 12:19 (CDT), 0.01 ft.

MHHW

Observed WL

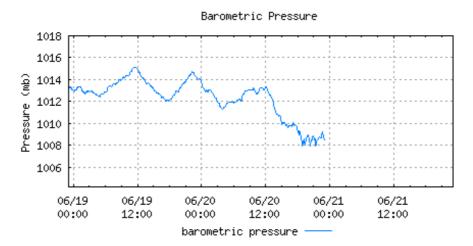
## NOAA/NOS/CO-OPS 8761305 Shell Beach, LA

Wind Speed / Gusts / Direction



Last Observed Sample: 06/20/2017 23:06 (CDT) Wind Speed: 35 knots Gusts: 41 knots Direction: 35° T

## NOAA/NOS/CO-OPS 8761305 Shell Beach, LA

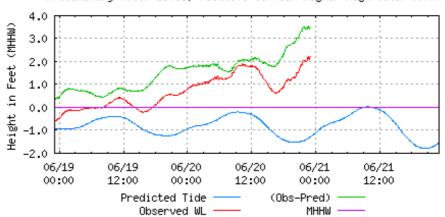


Last Observed Sample: 06/20/2017 23:06 (CDT)

Barometric Pressure: 1008.5 mb

### NOAA/NOS/CO-OPS 8747437 Bay Waveland Yacht Club, MS

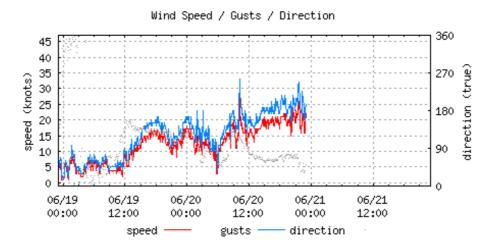
Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Last Observed Sample: 06/20/2017 23:06 (CDT). Data relative to MHHW Observed: 2.22 ft. Predicted: -1.27 ft. Residual: 3.49 ft. Historical Maximum Water Level: Sep 1 2008, 9.10 ft.

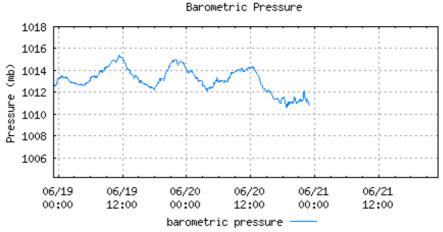
Next High Tide: 06/21/2017 09:46 (CDT), 0.03 ft.

## NOAA/NOS/CO-OPS 8747437 Bay Waveland Yacht Club, MS



Last Observed Sample: 06/20/2017 23:06 (CDT) Wind Speed: 22 knots Gusts: 25 knots Direction: 55° T

## NOAA/NOS/CO-OPS 8747437 Bay Waveland Yacht Club, MS



Last Observed Sample: 06/20/2017 23:06 (CDT)

Barometric Pressure: 1010.7 mb

### NOAA/NOS/CO-OPS 8741533 Pascagoula NOAA Lab, MS

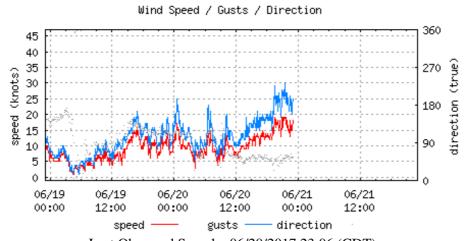
Preliminary Water Level, relative to Mean Higher High Water(MHHW) 2.5 Height in Feet (MHHW) 2.0 1.5 1.0 0.5 0.0 -0.5-1.0 -1.5-2.0 06/19 06/19 06/20 06/20 06/21 06/21 00:00 12:00 12:00 12:00 00:00 00:00 Predicted Tide (Obs-Pred)

Last Observed Sample: 06/20/2017 23:06 (CDT). Data relative to MHHW Observed: 1.39 ft. Predicted: -0.90 ft. Residual: 2.29 ft. Historical Maximum Water Level: Sep 1 2008, 4.90 ft. Next High Tide: 06/21/2017 07:53 (CDT), 0.09 ft.

MHHW

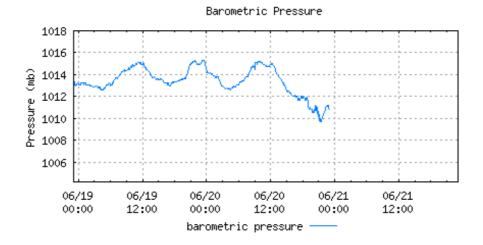
Observed WL

# NOAA/NOS/CO-OPS 8741501 Dock C, Port of Pascagoula, MS



Last Observed Sample: 06/20/2017 23:06 (CDT) Wind Speed: 16 knots Gusts: 22 knots Direction: 53° T

# NOAA/NOS/CO-OPS 8741501 Dock C, Port of Pascagoula, MS



Last Observed Sample: 06/20/2017 23:06 (CDT)

Barometric Pressure: 1011.0 mb

# NOAA/NOS/CO-OPS 8735180 Dauphin Island, AL

Preliminary Water Level, relative to Mean Higher High Water(MHHW)

2.5
2.0
1.5
1.0
0.5
0.0
-0.5

Height in Feet (MHHW)

-1.0 -1.5

06/19

00:00

06/19

12:00

Last Observed Sample: 06/20/2017 23:00 (CDT). Data relative to MHHW Observed: 1.24 ft. Predicted: -1.02 ft. Residual: 2.26 ft. Historical Maximum Water Level: Sep 16 2004, 5.94 ft.

06/20

12:00

06/21

00:00

(Obs-Pred) MHHW 06/21

12:00

06/20

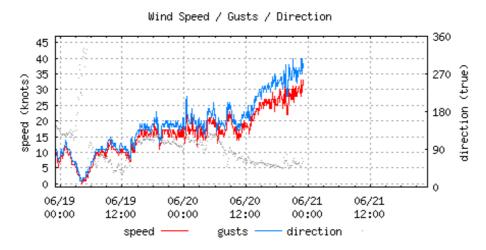
00:00

Predicted Tide

Observed WL

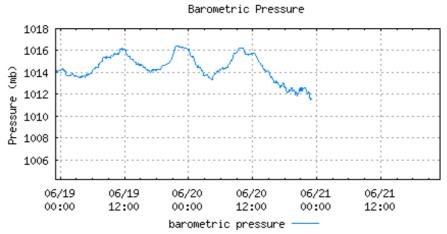
Next High Tide: 06/21/2017 08:35 (CDT), 0.17 ft.

## NOAA/NOS/CO-OPS 8735180 Dauphin Island, AL



Last Observed Sample: 06/20/2017 23:00 (CDT) Wind Speed: 33 knots Gusts: 37 knots Direction: 60° T

# NOAA/NOS/CO-OPS 8735180 Dauphin Island, AL



Last Observed Sample: 06/20/2017 23:00 (CDT)

Barometric Pressure: 1011.6 mb

### NOAA/NOS/CO-OPS 8737048 Mobile State Docks, AL

Preliminary Water Level, relative to Mean Higher High Water(MHHW) 1.5 Height in Feet (MHHW) 1.0 0.5 0.0 -0.5 -1.0 -1.5-2.0 06/19 06/19 06/20 06/20 06/21 06/21 00:00 12:00 12:00 12:00 00:00 00:00 Predicted Tide (Obs-Pred) Observed WL MHHW

Last Observed Sample: 06/20/2017 23:00 (CDT). Data relative to MHHW Observed: 0.18 ft. Predicted: -1.21 ft. Residual: 1.39 ft. Historical Maximum Water Level: Aug 29 2012, 3.67 ft. Next High Tide: 06/21/2017 10:17 (CDT), 0.06 ft.

### NOAA/NOS/CO-OPS 8737048 Mobile State Docks, AL

Barometric Pressure 1018 1016 Pressure (mb) 1014 1012 1010 1008 1006 06/19 06/19 06/20 06/20 06/21 06/21 00:00 12:00 00:00 12:00 12:00 00:00 barometric pressure

Last Observed Sample: 06/20/2017 23:00 (CDT)

Barometric Pressure: 1013.1 mb

### NOAA/NOS/CO-OPS 8729840 Pensacola, FL

Preliminary Water Level, relative to Mean Higher High Water(MHHW) 2.0 Height in Feet (MHHW) 1.5 1.0 0.5 0.0 -0.5 -1.0 -1.506/19 06/19 06/20 06/20 06/21 06/21 00:00 12:00 12:00 12:00 00:00 00:00 Predicted Tide (Obs-Pred) Observed WL MHHW

Last Observed Sample: 06/20/2017 23:00 (CDT). Data relative to MHHW Observed: 0.51 ft. Predicted: -0.97 ft. Residual: 1.48 ft. Historical Maximum Water Level: Sep 18 1926, 7.41 ft. Next High Tide: 06/21/2017 09:02 (CDT), 0.24 ft.

### NOAA/NOS/CO-OPS 8729840 Pensacola, FL

Barometric Pressure 1018 1016 Pressure (mb) 1014 1012 1010 1008 1006 06/19 06/19 06/20 06/20 06/21 06/21 00:00 12:00 00:00 12:00 12:00 00:00 barometric pressure

Last Observed Sample: 06/20/2017 23:00 (CDT)

Barometric Pressure: 1013.7 mb

### NOAA/NOS/CO-OPS 8729210 Panama City Beach, FL

Preliminary Water Level, relative to Mean Higher High Water(MHHW) 1.5 Height in Feet (MHHW) 1.0 0.5 0.0 -0.5 -1.0 -1.506/19 06/19 06/20 06/20 06/21 06/21 00:00 12:00 12:00 12:00 00:00 00:00 Predicted Tide (Obs-Pred) Observed WL MHHW

Last Observed Sample: 06/20/2017 23:06 (CDT). Data relative to MHHW Observed: 0.46 ft. Predicted: -0.79 ft. Residual: 1.25 ft. Historical Maximum Water Level: Oct 4 1995, 6.84 ft. Next High Tide: 06/21/2017 06:50 (CDT), 0.13 ft.

# NOAA/NOS/CO-OPS 8729210 Panama City Beach, FL

Wind Speed / Gusts / Direction 360 45 40 direction (true) 270 35 speed (knots) 30 25 180 20 15 90 10 0 06/19 06/19 06/20 06/20 06/21 06/21 00:00 12:00 00:00 12:00 00:00 12:00 direction gusts -

Last Observed Sample: 06/20/2017 23:06 (CDT) Wind Speed: 6 knots Gusts: 12 knots Direction: 62° T

# NOAA/NOS/CO-OPS 8729210 Panama City Beach, FL

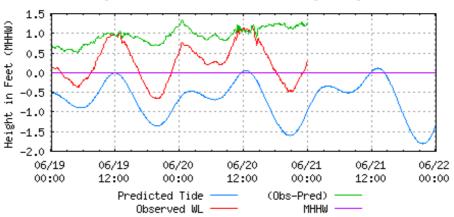
Barometric Pressure 1018 1016 Pressure (mb) 1014 1012 1010 1008 1006 06/19 06/19 06/20 06/20 06/21 06/21 00:00 12:00 00:00 12:00 00:00 12:00 barometric pressure

Last Observed Sample: 06/20/2017 23:06 (CDT)

Barometric Pressure: 1014.8 mb

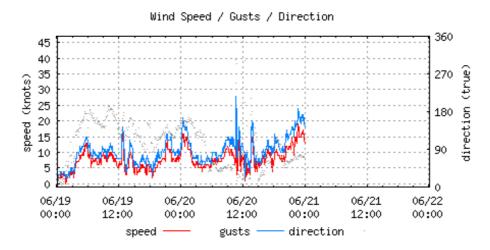
# NOAA/NOS/CO-OPS 8728690 Apalachicola, FL

Preliminary Water Level, relative to Mean Higher High Water(MHHW)



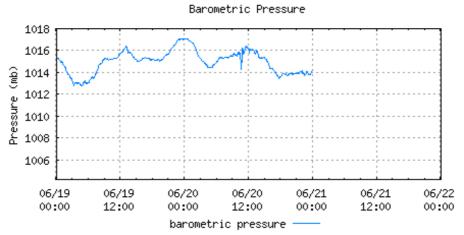
Last Observed Sample: 06/21/2017 00:06 (EDT). Data relative to MHHW Observed: 0.31 ft. Predicted: -0.95 ft. Residual: 1.26 ft. Historical Maximum Water Level: Jul 10 2005, 6.43 ft. Next High Tide: 06/21/2017 03:47 (EDT), -0.34 ft.

### NOAA/NOS/CO-OPS 8728690 Apalachicola, FL



Last Observed Sample: 06/21/2017 00:06 (EDT) Wind Speed: 12 knots Gusts: 17 knots Direction: 67° T

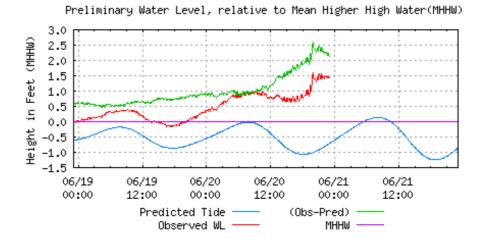
## NOAA/NOS/CO-OPS 8728690 Apalachicola, FL



Last Observed Sample: 06/21/2017 00:06 (EDT)

Barometric Pressure: 1014.3 mb

### NOAA/NOS/CO-OPS 8761724 Grand Isle, LA



Last Observed Sample: 06/20/2017 23:06 (CDT). Data relative to MHHW Observed: 1.52 ft. Predicted: -0.70 ft. Residual: 2.22 ft. Historical Maximum Water Level: Aug 29 2012, 4.45 ft. Next High Tide: 06/21/2017 08:08 (CDT), 0.14 ft.

# NOAA/NOS/CO-OPS 8761724 Grand Isle, LA

Wind Speed / Gusts / Direction 360 45 40 direction (true) 270 35 speed (knots) 30 25 180 20 15 90 10 0 06/19 06/19 06/20 06/20 06/21 06/21 00:00 12:00 00:00 12:00 00:00 12:00

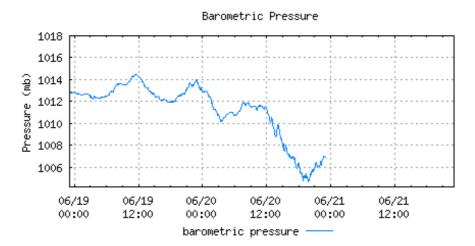
Last Observed Sample: 06/20/2017 23:06 (CDT) Wind Speed: 11 knots Gusts: 17 knots Direction: 109° T

gusts -

speed

direction

## NOAA/NOS/CO-OPS 8761724 Grand Isle, LA

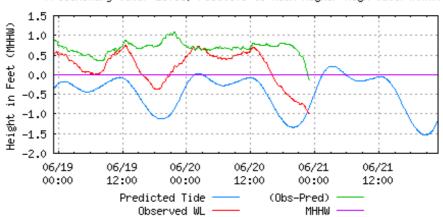


Last Observed Sample: 06/20/2017 23:06 (CDT)

Barometric Pressure: 1006.9 mb

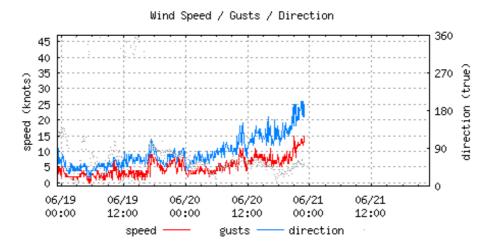
### NOAA/NOS/CO-OPS 8764227 LAWMA, Amerada Pass, LA

Preliminary Water Level, relative to Mean Higher High Water(MHHW)



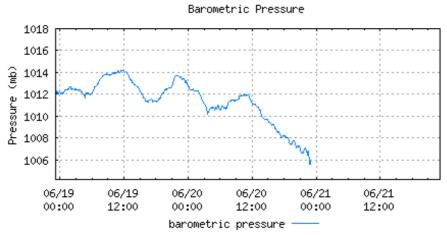
Last Observed Sample: 06/20/2017 23:06 (CDT). Data relative to MHHW Observed: -0.97 ft. Predicted: -0.81 ft. Residual: -0.16 ft. Historical Maximum Water Level: Sep 12 2008, 5.90 ft. Next High Tide: 06/21/2017 03:16 (CDT), 0.22 ft.

### NOAA/NOS/CO-OPS 8764227 LAWMA, Amerada Pass, LA



Last Observed Sample: 06/20/2017 23:06 (CDT) Wind Speed: 11 knots Gusts: 22 knots Direction: 52° T

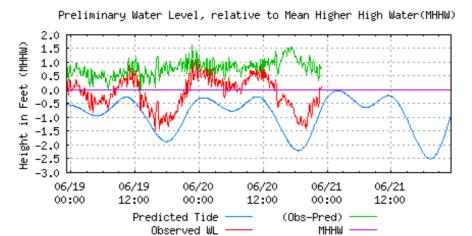
### NOAA/NOS/CO-OPS 8764227 LAWMA, Amerada Pass, LA



Last Observed Sample: 06/20/2017 23:06 (CDT)

Barometric Pressure: 1006.0 mb

### NOAA/NOS/CO-OPS 8766072 Freshwater Canal Locks, LA



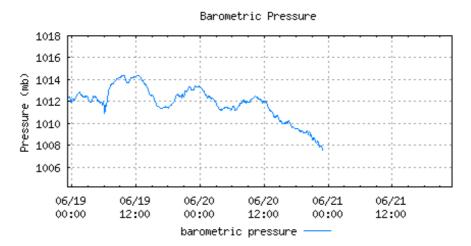
Last Observed Sample: 06/20/2017 23:06 (CDT). Data relative to MHHW Observed: 0.15 ft. Predicted: -0.60 ft. Residual: 0.75 ft. Historical Maximum Water Level: Sep 12 2008, 7.98 ft. Next High Tide: 06/21/2017 02:00 (CDT), -0.03 ft.

## NOAA/NOS/CO-OPS 8766072 Freshwater Canal Locks, LA

Wind Speed / Gusts / Direction 360 45 40 direction (true) 270 35 speed (knots) 30 25 180 20 15 90 10 06/19 06/20 06/21 06/21 00:00 12:00 00:00 12:00 00:00 12:00 direction gusts -

Last Observed Sample: 06/20/2017 23:06 (CDT) Wind Speed: 21 knots Gusts: 27 knots Direction: 35° T

## NOAA/NOS/CO-OPS 8766072 Freshwater Canal Locks, LA

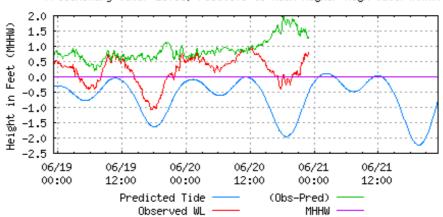


Last Observed Sample: 06/20/2017 23:06 (CDT)

Barometric Pressure: 1007.5 mb

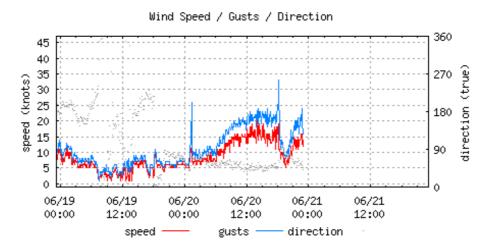
### NOAA/NOS/CO-OPS 8768094 Calcasieu Pass, LA

Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Last Observed Sample: 06/20/2017 23:00 (CDT). Data relative to MHHW Observed: 0.79 ft. Predicted: -0.50 ft. Residual: 1.29 ft. Historical Maximum Water Level: Sep 13 2008, 9.96 ft. Next High Tide: 06/21/2017 02:18 (CDT), 0.11 ft.

## NOAA/NOS/CO-OPS 8768094 Calcasieu Pass, LA



Last Observed Sample: 06/20/2017 23:00 (CDT) Wind Speed: 14 knots Gusts: 17 knots Direction: 41° T

### NOAA/NOS/CO-OPS 8768094 Calcasieu Pass, LA

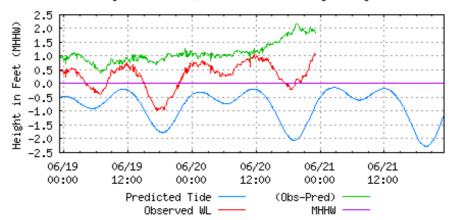
Barometric Pressure 1018 1016 Pressure (mb) 1014 1012 1010 1008 1006 06/19 06/19 06/20 06/20 06/21 06/21 00:00 12:00 00:00 12:00 00:00 12:00 barometric pressure

Last Observed Sample: 06/20/2017 23:00 (CDT)

Barometric Pressure: 1008.2 mb

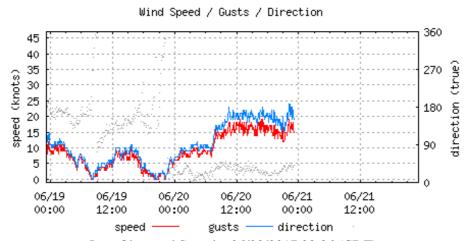
## NOAA/NOS/CO-OPS 8770822 Texas Point, Sabine Pass, TX

Preliminary Water Level, relative to Mean Higher High Water(MHHW)



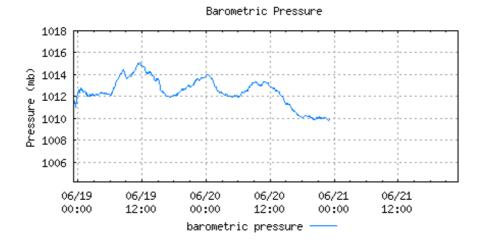
Last Observed Sample: 06/20/2017 23:06 (CDT). Data relative to MHHW Observed: 1.04 ft. Predicted: -0.81 ft. Residual: 1.85 ft. Historical Maximum Water Level: Mar 20 2012, 1.91 ft. Next High Tide: 06/21/2017 02:39 (CDT), -0.14 ft.

## NOAA/NOS/CO-OPS 8770822 Texas Point, Sabine Pass, TX



Last Observed Sample: 06/20/2017 23:06 (CDT) Wind Speed: 15 knots Gusts: 19 knots Direction: 41° T

## NOAA/NOS/CO-OPS 8770822 Texas Point, Sabine Pass, TX

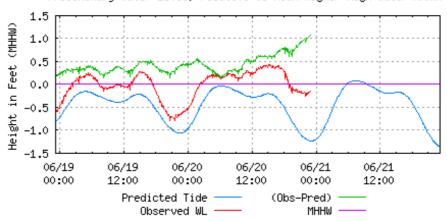


Last Observed Sample: 06/20/2017 23:06 (CDT)

Barometric Pressure: 1009.9 mb

### NOAA/NOS/CO-OPS 8770971 Rollover Pass, TX

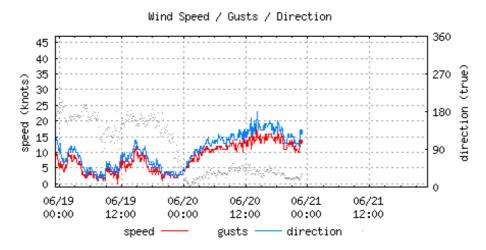
Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Last Observed Sample: 06/20/2017 23:00 (CDT). Data relative to MHHW Observed: -0.16 ft. Predicted: -1.23 ft. Residual: 1.07 ft.

Historical Maximum Water Level: n/a Next High Tide: 06/21/2017 07:23 (CDT), 0.09 ft.

## NOAA/NOS/CO-OPS 8770971 Rollover Pass, TX



Last Observed Sample: 06/20/2017 23:00 (CDT) Wind Speed: 13 knots Gusts: 17 knots Direction: 32° T

### NOAA/NOS/CO-OPS 8770971 Rollover Pass, TX

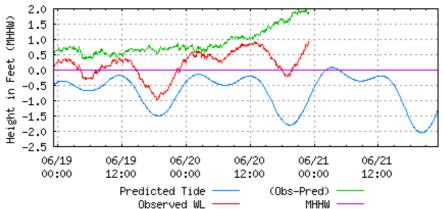
Barometric Pressure 1018 1016 Pressure (mb) 1014 1012 1010 1008 1006 06/19 06/19 06/20 06/20 06/21 06/21 00:00 12:00 00:00 12:00 00:00 12:00 barometric pressure

Last Observed Sample: 06/20/2017 23:00 (CDT)

Barometric Pressure: 1010.3 mb

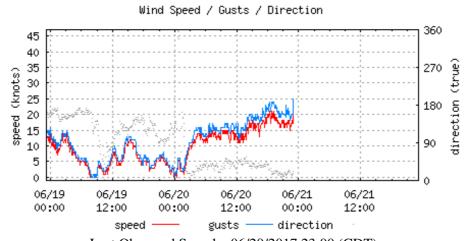
### NOAA/NOS/CO-OPS 8771341 Galveston Bay Entrance, North Jetty, TX

Preliminary Water Level, relative to Mean Higher High Water(MHHW)



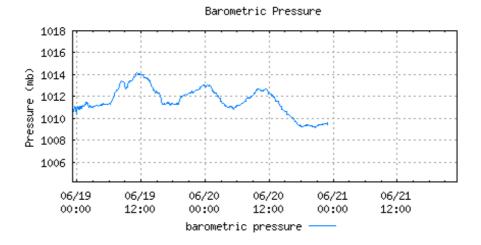
Last Observed Sample: 06/20/2017 23:00 (CDT). Data relative to MHHW Observed: 0.94 ft. Predicted: -0.95 ft. Residual: 1.89 ft. Historical Maximum Water Level: Jul 15 2003, 4.08 ft. Next High Tide: 06/21/2017 03:23 (CDT), 0.08 ft.

# NOAA/NOS/CO-OPS 8771341 Galveston Bay Entrance, North Jetty, TX



Last Observed Sample: 06/20/2017 23:00 (CDT) Wind Speed: 21 knots Gusts: 25 knots Direction: 22° T

## NOAA/NOS/CO-OPS 8771341 Galveston Bay Entrance, North Jetty, TX



Last Observed Sample: 06/20/2017 23:00 (CDT)

Barometric Pressure: 1009.4 mb

Latest Water Level Observations on MHHW

Batest Water Level Good Various on Marine						
Station ID	Station Name	Date/Time	Observed Water Level	Predicted Tide	Residual Water Level	24 Hour Maximum Storm Tide
8760721	Pilottown, LA	06/20/2017 23:06 (CDT)	1.91 ft	-0.77 ft	2.68 ft	1.95 ft
8761305	Shell Beach, LA	06/20/2017 23:06 (CDT)	4.30 ft	-1.41 ft	5.71 ft	4.30 ft
8747437	Bay Waveland Yacht Club, MS	06/20/2017 23:06 (CDT)	2.22 ft	-1.27 ft	3.49 ft	2.22 ft
8741533	Pascagoula NOAA Lab, MS	06/20/2017 23:06 (CDT)	1.39 ft	-0.90 ft	2.29 ft	1.40 ft
8735180	Dauphin Island, AL	06/20/2017 23:00 (CDT)	1.24 ft	-1.02 ft	2.26 ft	1.35 ft
8737048	Mobile State Docks, AL	06/20/2017 23:00 (CDT)	0.18 ft	-1.21 ft	1.39 ft	0.97 ft
8729840	Pensacola, FL	06/20/2017 23:00 (CDT)	0.51 ft	-0.97 ft	1.48 ft	1.02 ft
8729210	Panama City Beach, FL	06/20/2017 23:06 (CDT)	0.46 ft	-0.79 ft	1.25 ft	0.89 ft
8728690	Apalachicola, FL	06/21/2017 00:06 (EDT)	0.31 ft	-0.95 ft	1.26 ft	1.16 ft
8761724	Grand Isle, LA	06/20/2017 23:06 (CDT)	1.52 ft	-0.70 ft	2.22 ft	1.59 ft
8764227	LAWMA, Amerada Pass, LA	06/20/2017 23:06 (CDT)	-0.97 ft	-0.81 ft	-0.16 ft	0.71 ft
8766072	Freshwater Canal Locks, LA	06/20/2017 23:06 (CDT)	0.15 ft	-0.60 ft	0.75 ft	1.07 ft
8768094	Calcasieu Pass, LA	06/20/2017 23:00 (CDT)	0.79 ft	-0.50 ft	1.29 ft	0.94 ft
8770822	Texas Point, Sabine Pass, TX	06/20/2017 23:06 (CDT)	1.04 ft	-0.81 ft	1.85 ft	1.10 ft
8770971	Rollover Pass, TX	06/20/2017 23:00 (CDT)	-0.16 ft	-1.23 ft	1.07 ft	0.42 ft
8771341	Galveston Bay Entrance, North Jetty, TX	06/20/2017 23:00 (CDT)	0.94 ft	-0.95 ft	1.89 ft	0.94 ft

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS) National Oceanic and Atmospheric Administration | U.S. Department of Commerce